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PCT/GB2004/003181 A. CLASSIFICATION OF SUBJECT MATTER IPC 7 C12Q1/68 G01N A61K39/395 G01N33/30 A61K31/7088 According to international Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) C12Q G01N A61K IPC 7 Documentation searched other than minimum documentation to the extent that such documents are included. In the fields searched Electronic data base consulted during the International search (name of data base and, where practical, search terms used) EPO-Internal, BIOSIS, EMBASE, WPI Data, PAJ, EMBL C. DOCUMENTS CONSIDERED TO BE RELEVANT Category ' Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. X JANKOWSKI MAREK ET AL: "Oxytocin and its 1,2,12 receptors are synthesized in the rat vasculature" PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA vol. 97, no. 11, 23 May 2000 (2000-05-23), pages 6207-6211, XP002303814 ISSN: 0027-8424 Y the whole document 3-11,19, 20 Further documents are listed in the continuation of box C. X Patent family members are listed in annex. \* Special categories of cited documents: "T" tater document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the \*A\* document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the International "X" document of particular relevance; the claimed invention filing date cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone \*L\* document which may throw doubts on priority claim(s) or which is clied to establish the publication date of another citation or other special reason (as specified) 'Y' document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu-ments, such combination being obvious to a person skilled "O" document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 12 November 2004 08/12/2004 Name and mailing address of the ISA Authorized officer European Patent Office, P.B. 5818 Patentiaan 2 NL - 2280 HV Rijswijk Tel (+31-70) 340-2040, Tx. 31 651 epo ni, Fax: (+31-70) 340-3016

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Box II Observations where certain claims were found unsearchable (Continuation of Item 2 of first sheet)
This international Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
2. X Claims Nos.: 13-18 (all completely) because they relate to parts of the international Application that do not comply with the prescribed requirements to such an extent that no meaningful international Search can be carried out, specifically:  See FURTHER INFORMATION sheet PCT/ISA/210
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)
This international Searching Authority found multiple inventions in this international application, as follows:
As all required additional search fees were timely paid by the applicant, this international Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this international Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this international Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
Remark on Protest  The additional search fees were accompanied by the applicant's protest.  No protest accompanied the payment of additional search fees.

#### FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box II.2

Claims Nos.: 13-18 (all completely)

Present claims 13 and 14 relate to the method of claim 12 further comprising steps of using a "test target protein" for identifying a "test compound" which is useful in the treatment of CAD. Claim 15 relates to the methods of claims 13 and 14 further comprising the step of formulating a test compound into a pharmaceutical composition. The methods of claims 13,14 and 15 are considered to comprise different and irreconcilable types of processes, so that the subject matter for which protection is sought is not clearly defined (Art. 6 PCT). Moreover, due to the fact that neither the "test target protein" of claims 13 and 14 nor the "test compound" of claim 15 are further defined and due to the fact that no specific examples of such "test target protein" or "test compound" are disclosed in the patent specification, a meaningful search for the different processes of claims 13-15 was not possible.

Although claim 16 refers to a method of treatment of the human/animal body a search could have been carried out and based on the alleged effects of the compound. However due to reasons given below, such search was not possible.

Present claims 16 and 17 relate to a compound wherein the compound is only defined by reference to a desirable characteristic or property, namely a compound being identifiable by a method according to claims 13 and 14. However, this functional feature defining the result to be achieved in connection with an indefinite structural feature, as is the case here, cannot assist in rendering the claim clear, since it still leaves open what exactly the subject-matter is for which patent protection is sought. This lack of clarity in the present case is such as to render a meaningful search over the whole of the claimed scope impossible. Due to the fact that the patent specification does not disclose any clear examples of such compounds, the lack of clarity (Art. 6 PCT) is such that no search could be carried out for any subject matter covered by claims 16 and 17.

Present claim 18 refers to a method which is only defined by a result to be achieved, namely "identifying other components of the CAD biochemical pathway of which OXTR is a component". The patent specification does not disclose any technical teaching of how to practice such method. Furthermore the term "the CAD biochemical pathway of which OXTR is a component" is considered completely unclear. The method of claim 18 is therefore considered neither clear nor supported (Art. 6 PCT). The lack of clarity and support is such that a meaninful search of the subject matter claimed was not possible.

The applicant's attention is drawn to the fact that claims relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary

#### FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure. If the application proceeds into the regional phase before the EPO, the applicant is reminded that a search may be carried out during examination before the EPO (see EPO Guideline C-VI, 8.5), should the problems which led to the Article 17(2) declaration be overcome.

inter/ at Application No PCT/GB2004/003181

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